

Appl. No. 09/919,741
Amdt. dat d November 14, 2003
Reply to Office action dated July 15, 2003

Amendments to the Specification:

Please replace the first full paragraph on Page 17 with the following amended paragraph:

With reference now to Figure 8, shown are alternate implementations of the high-level logic flowchart shown in Figure 2. Depicted in Figure 8 is that in one implementation method step 206 can include method step 800, while in another implementation method step 206 can include method step 802. Illustrated in method step 800 is that in one implementation calculating a received dose of the inhalant in response to the near real time measurement of the at least respiration during said exposing can include, but is not limited to, multiplying a measured inhalant concentration by a volume inhaled by an animal. In one device implementation, method step 800 is achieved via a processor (e.g., a processor internal to data processing system 130) running software which uses measured data in conjunction with a calculated volume of air inhaled by an animal in an inhalant ~~concentration sensor~~ chamber 104). Depicted in method step 802 is that in another implementation calculating a received dose of the inhalant in response to the near real time measurement of the at least respiration during said exposing can include, but is not limited to, multiplying an inferred inhalant concentration by a volume inhaled by an animal. In one device implementation, method step 800 is achieved via a processor (e.g., a processor internal to data processing system 130) running software which uses inferred data (e.g., data inferred from directions to a nebulizer to dispense a certain aerosol concentration) in conjunction with a calculated volume of air inhaled by an animal in an inhalant ~~concentration sensor~~ chamber 104).